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(54) FLAME-RETARDANT, FLAME-RETARDANT RESIN COMPOSITION AND FLAME-RETARDANT RESIN MOLDED PRODUCT

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a flame-retardant not containing a halogen, having a high melting point and a low volatility, not deteriorating the original characteristics, such as mechanical characteristics and moldability, of resins, and useful for electric parts, electronic parts or the like by including a specific crosslinked phenoxyphosphazene compound.

SOLUTION: This flame retardant comprises a crosslinked phosphazene compound obtained by crosslinking one or more kinds of phosphazene compounds selected from the group consisting of a cyclic phosphazene compound of formula I = (n) is 3-25; Ph is phenyl] and a linear phosphazene compound of formula I = (n) is I = (n) is I = (n) or I

groups are contained in an amount of 50-99.9% based on the total phenyl groups in the compounds of formulas I

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$$X \longrightarrow \begin{array}{c} OPh \\ P=N \\ OPh \end{array} \longrightarrow \begin{array}{c} \Pi \end{array}$$